WHAT IS CLAIMED IS:

1. A wind power generating system comprising:

moving bodies connected one with another by connectors and repeatedly circulated on a rail of an endless track;

sail devices rotatably mounted to the moving bodies and exposed to wind, each sail device having a sail and a mast and including a rotating mechanism for rotating the mast;

geared members affixed to one sides of the moving bodies;

a generator having a gear which is meshed with the geared members and thereby rotated to allow the generator to generate electricity;

direction changing devices located at both turnaround portions of the rail; and

sail direction adjusting devices each for adjusting a direction of the sail in conformity with a direction of wind stream.

2. The system as set forth in claim 1, wherein each sail device comprises a center shaft fastened to an upper surface of an associated moving body, a mast rotatably fitted around the center shaft, an upper transverse rod secured to an upper end of the mast, a sail fixed at an upper end thereof to the upper transverse rod, and a lower transverse rod to which

a lower end of the sail is fixed.

3. The system as set forth in claim 1, wherein the system further comprises sail unfurling devices; and each sail unfurling device comprises a motor placed at a middle portion of the lower transverse rod in a manner such that both ends of an output shaft of the motor are integrally connected with the lower transverse rod, a support plate for supporting the motor, a guide tube fitted around the mast for ensuring that the support plate is moved upward and downward while being held horizontal, and reinforcing columns fastened to an upper surface of a rotation member, for preventing unintentional rotation of the support plate.